VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI
INSTITUTE OF ENGINEERING AND TECHNOLOGY
An Autonomous, ISO 9001:2015 & GSI-Gauge Diamond Rated Institute, Accredited by NAAC with 'A++' Grade
NBA Accreditation for B.Tech. CE,EEE,ME,ECE,CSE,EIE,IT,AME, M.Tech. STRE, PE, AMS, SWE Programmes
Approved by AICTE, New Delhi, Affiliated to JNTUH, NIRF (2023) Rank band:101-150 in Engineering Category
College with Potential for Excellence by UGC, JNTUH-Recognized Research Centres:CE,EEE,ME,ECE,CSE
Vignana Jyothi Nagar, Pragathi Nagar, Nizampet (S.O.), Hyderabad – 500 090, TS, India.
Telephone No: 040-2304 2758/59/60, Fax: 040-23042761
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Show and Tell Feedback form

Date: 23/03/2024

Department & Section: Computer Science and Engineering, Section-D

Batch No.: 12

Project Team Analysis (To be Filled by Team)

1. **Project Title:** StromSight: A Deep Learning based Cyclone Intensity Estimation using INSAT-3D IR Imagery.
2. **Guide Name** Dr. P. Bharath Kumar Chowdary.
3. **Abstract:** The goal is to significantly enhance the accuracy and speed of real-time cyclone intensity predictions, ultimately contributing to more effective disaster preparedness and response.
4. **Is the solution (Please tick relevant option(s) from the below)**
   - **Extension to existing research** ✓
   - **Acceptable to the potential user**
   - **Economically feasible**
5. **Was the purpose carried out to completion within the scope of the original intent? (yes/No):** ✓
6. **Is there adequate data to support the conclusions? (yes/No):** ✓
7. **Has the solution been tested for performance under the conditions of use? (Yes/No):** ✗

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8. Are the conclusions based on a single experiment or replication? (Yes/No): ✓

9. Is the Project extendable to which of the below limits?

a) Enhancement at the feature level

Low	Medium	High ✓

b) Enhancement at the product level

Low	Medium ✓	High

c) Enhancement at the domain level

Low	Medium	High ✓

10. Based on the overall experience from problem formulation to the implementation, please provide feedback or suggestions (Project team)

Roll No of the team member	Team Member Name	Signature	Suggestions/ Comments
20071A05P5	S Durga Prasad	Sdpd	I have learned how to get into the practical projects.
21075A0519	A Manideepak	A. Manideepak	This project helped me to learn new technologies.
21075A0520	K Shiva Kumar	K. shivak	It is good experience to work on social impactful project.
21075A0524	U Vijitha	U Vijitha	Working on this project I have learnt the teams management skills.

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Evaluation Analysis (To be Filled by Faculty)

1) Is the solution (Please tick relevant option(s) from the below)
   - ✓ Extension to existing research
   - Acceptable to the potential user
   - Economically feasible

2) Was the purpose carried out to completion within the scope of the original intent? (yes/No): yes

3) Select the level of the relevance for the following (1- Low, 10-High)
   - Real-time Applications

1	2	3	4	5	6	7	8	9	~~10~~

   - Related to recent trends

1	2	3	4	5	6	7	8	~~9~~	10

   - Addressing any Current issues in the society

1	2	3	4	5	6	7	8	9	~~10~~

   - Aiding to any Entrepreneurship

1	2	3	4	~~5~~	6	7	8	9	10

4) Can the evaluated application be extended for Patent purposes? (yes/No): No
5) Does the project remain compatible with the evolving software platforms and environment? (yes/No): Yes

Faculty Name with Signature	Department	Suggestions/ Comments
Dr M. Gangappa	CSE	1. cyclone intensity estimator. 2. useful for disaster Management